

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| S1 | 1583 | (277/570,559,562,560).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/05/05 22:39 |
| S2 | 10540 | seal and (support or carrier) and annular and lip and (flexible or hinged) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/05 20:51 |
| S3 | 89 | S1 and S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/02 18:51 |
| S4 | 7 | (US-20030098549-\$).did. or (US-6705617-\$ or US-6213476-\$ or US-6168164-\$ or US-5129744-\$ or US-4588195-\$ or US-4243235-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/08/02 19:02 |
| S5 | 18 | ("3857156" "3929341" "4126320" "4450614" "4497496" "4568092" "4695063" "4723350" "4886281" "5024364" "5209502" "5462287" "5692757" "5860656" "6079715" "6123514" "6149158" "6168164").PN. OR ("6705617"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/02 19:02 |
| S6 | 14 | (US-20030098549-\$).did. or (US-6705617-\$ or US-6213476-\$ or US-6168164-\$ or US-5129744-\$ or US-4588195-\$ or US-4243235-\$ or US-6079715-\$ or US-5209502-\$ or US-4723350-\$ or US-4695063-\$ or US-4568092-\$ or US-4126320-\$ or US-3929341-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/08/02 19:41 |
| S7 | 377 | elastomeric with seal with (hinge or hinged or pivot\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/05 22:38 |
| S8 | 1 | S7 with live near3 hinge | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/05 20:50 |
| S9 | 1584 | (277/570,559,562,560).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 20:51 |

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| S10 | 10560 | seal and (support or carrier) and annular and lip and (flexible or hinged) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/05 20:51 |
| S11 | 14825 | seal and (support or carrier) and annular and lip and (flexible or hinged) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 22:01 |
| S12 | 118 | S9 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 20:51 |
| S13 | 12 | ("4274641" "4300777" "4822058" "4969653" "5183271" "5431872" "5577741" "5649710" "6050570").PN. OR ("6213476").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/05 21:04 |
| S14 | 19 | (US-20030098549-\$).did. or (US-3929341-\$ or US-4126320-\$ or US-4243235-\$ or US-4568092-\$ or US-4588195-\$ or US-4695063-\$ or US-4723350-\$ or US-5129744-\$ or US-5209502-\$ or US-6079715-\$ or US-6168164-\$ or US-6213476-\$ or US-6705617-\$ or US-5492339-\$ or US-5083802-\$ or US-4637295-\$ or US-4185838-\$ or US-3572732-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/08/05 22:01 |
| S15 | 0 | S14 and rubber with support | US-PGPUB; USPAT | OR | ON | 2005/08/05 22:01 |
| S16 | 33 | seal same (support or carrier) near3 rubber same (flexible or hinged) and annular and lip | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 22:20 |
| S17 | 28 | shaft with seal same (support or carrier) near3 rubber same (flexible or hinged) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 22:21 |
| S18 | 18 | S17 not S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 22:20 |

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| S19 | 0 | shaft with seal same (support) with (flexible or hinged) same rigid near5 carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 22:22 |
| S20 | 632 | shaft with seal same (support) with (flexible or hinged) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 22:22 |
| S21 | 13 | S9 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 22:22 |
| S22 | 20 | (US-20030098549-\$).did. or (US-3929341-\$ or US-4126320-\$ or US-4243235-\$ or US-4568092-\$ or US-4588195-\$ or US-4695063-\$ or US-4723350-\$ or US-5129744-\$ or US-5209502-\$ or US-6079715-\$ or US-6168164-\$ or US-6213476-\$ or US-6705617-\$ or US-5492339-\$ or US-5083802-\$ or US-4637295-\$ or US-4185838-\$ or US-3572732-\$ or US-6149158-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/08/05 23:22 |
| S23 | 308 | living adj hinge with groove | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 23:22 |
| S24 | 0 | living adj hinge with groove with PTFE | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 23:22 |
| S25 | 23 | living adj hinge with groove same (teflon or elastomer or polymer or rubber or PTFE) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/05 23:23 |
| S26 | 12 | ("4274641" "4300777" "4822058" "4969653" "5183271" "5431872" "5577741" "5649710" "6050570").PN. OR ("6213476").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/05 23:48 |

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| S27 | 21 | (US-20030098549-\$).did. or (US-3929341-\$ or US-4126320-\$ or US-4243235-\$ or US-4568092-\$ or US-4588195-\$ or US-4695063-\$ or US-4723350-\$ or US-5129744-\$ or US-5209502-\$ or US-6079715-\$ or US-6168164-\$ or US-6213476-\$ or US-6705617-\$ or US-5492339-\$ or US-5083802-\$ or US-4637295-\$ or US-4185838-\$ or US-3572732-\$ or US-6149158-\$ or US-5022389-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/08/05 23:43 |
| S28 | 21 | ("20020158421" "20030006563" "4 969653" "5183271" "5209502" "555 6112" "5649710" "5833136" "59215 55" "6079715" "6149158" "6168164 " "6213476" "6244600" "6336638" " "6401322" "6497415" "6513810" "6 520507" "6620361" "6729624").PN. | US-PGPUB; USPAT | OR | ON | 2006/01/30 15:59 |
| S29 | 404 | (277/570,559).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/30 15:03 |
| S30 | 691 | (277/569,572).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/30 15:03 |
| S31 | 817 | S30 or S29 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:09 |
| S32 | 248 | S31 and (teflon or ptfe or polytetrafluoroethylene or poly adj tetra adj fluoro adj ethylene) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:10 |
| S33 | 116 | S32 and (teflon or ptfe or polytetrafluoroethylene or poly adj tetra adj fluoro adj ethylene) near4 seal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:10 |
| S34 | 21 | ("4484752" "4596394" "4759553" "4943068" "4995621" "5013052" "5201528" "5209499" "5209502" "5462287" "5615894" "5653448" "5957461" "6079715").PN. OR ("6149158").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/30 15:14 |

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| S35 | 16 | ("3771799" "4283063" "4470605" "4568092" "4770425" "4928371" "5096207" "5346662" "5348312" "5522600" "5615894" "6149158" "6273428" "6406026" "6450503" "6513810").PN. OR ("6789805").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/30 15:54 |
| S36 | 1 | 10/757919 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/30 15:54 |
| S37 | 29 | (US-20020158421-\$ or US-20030098549-\$).did. or (US-3572732-\$ or US-3929341-\$ or US-4126320-\$ or US-4185838-\$ or US-4243235-\$ or US-4568092-\$ or US-4588195-\$ or US-4637295-\$ or US-4695063-\$ or US-4723350-\$ or US-5022389-\$ or US-5083802-\$ or US-5129744-\$ or US-5209502-\$ or US-5492339-\$ or US-6079715-\$ or US-6149158-\$ or US-6168164-\$ or US-6213476-\$ or US-6336638-\$ or US-6513810-\$ or US-6620361-\$ or US-6705617-\$ or US-6729624-\$ or US-6789805-\$ or US-5346662-\$). did. or (US-5209499-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/01/30 15:58 |
| S38 | 4 | "6513810" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/01 15:09 |
| S39 | 1395 | junkers.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/01 15:10 |
| S40 | 478 | junkers.in. | US-PGPUB; USPAT | OR | ON | 2006/02/01 15:10 |
| S41 | 61 | junkers.in. | US-PGPUB | OR | ON | 2006/02/01 16:24 |
| S42 | 1 | 10/876830 | US-PGPUB | OR | ON | 2006/02/01 16:24 |
| S43 | 2 | "6715768" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/01 17:45 |
| S44 | 10 | ("4568092" "4695063" "4746128" "5615894" "5860656" "6079715" "6168164" "6336638" "6513810" "6520507").PN. OR ("6715768").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/01 17:57 |

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| S45 | 8 | S44 and (teflon or ptfe) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/03 18:25 |
| S46 | 31 | (US-20020158421-\$ or US-20030098549-\$).did. or (US-3572732-\$ or US-3929341-\$ or US-4126320-\$ or US-4185838-\$ or US-4243235-\$ or US-4568092-\$ or US-4588195-\$ or US-4637295-\$ or US-4695063-\$ or US-4723350-\$ or US-4746128-\$ or US-5022389-\$ or US-5083802-\$ or US-5129744-\$ or US-5209499-\$ or US-5209502-\$ or US-5346662-\$ or US-5492339-\$ or US-6079715-\$ or US-6149158-\$ or US-6168164-\$ or US-6213476-\$ or US-6336638-\$ or US-6513810-\$ or US-6620361-\$ or US-6705617-\$). did. or (US-6715768-\$ or US-6729624-\$ or US-6789805-\$). did. | US-PGPUB; USPAT | OR | ON | 2006/02/03 17:45 |
| S47 | 10 | ("4243235" "4526383" "4596394" "4623153" "5615894" "5860656" "6079715" "6164660").PN. OR ("6513810"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/03 17:45 |
| S48 | 9 | S47 and (teflon or ptfe) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/03 18:25 |
| S49 | 21 | S46 and (teflon or ptfe) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/03 18:25 |
| S50 | 26 | S48 or S49 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/03 18:55 |
| S51 | 3 | "3073368" | USPAT | OR | ON | 2006/02/03 20:17 |
| S52 | 2 | "2178126" | USPAT | OR | ON | 2006/02/03 20:18 |
| S53 | 4 | S51 or S52 | USPAT | OR | ON | 2006/02/03 20:27 |
| S54 | 2 | ("6149158").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/03 20:27 |

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| S55 | 32 | (US-20020158421-\$ or US-20030098549-\$).did. or (US-3572732-\$ or US-3929341-\$ or US-4126320-\$ or US-4185838-\$ or US-4243235-\$ or US-4568092-\$ or US-4588195-\$ or US-4637295-\$ or US-4695063-\$ or US-4723350-\$ or US-4746128-\$ or US-5022389-\$ or US-5083802-\$ or US-5129744-\$ or US-5209499-\$ or US-5209502-\$ or US-5346662-\$ or US-5492339-\$ or US-6079715-\$ or US-6149158-\$ or US-6168164-\$ or US-6213476-\$ or US-6336638-\$ or US-6513810-\$ or US-6620361-\$ or US-6705617-\$). did. or (US-6715768-\$ or US-6729624-\$ or US-6789805-\$ or US-5615894-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/02/03 20:41 |
| S57 | 33 | (US-20020158421-\$ or US-20030098549-\$).did. or (US-3929341-\$ or US-4126320-\$ or US-4568092-\$ or US-4695063-\$ or US-4723350-\$ or US-5209502-\$ or US-6079715-\$ or US-3572732-\$ or US-4185838-\$ or US-4243235-\$ or US-6705617-\$ or US-4588195-\$ or US-4637295-\$ or US-5083802-\$ or US-5129744-\$ or US-6715768-\$ or US-6789805-\$ or US-5492339-\$ or US-6991406-\$ or US-5209499-\$ or US-6620361-\$ or US-6213476-\$ or US-5346662-\$ or US-6513810-\$ or US-6729624-\$ or US-5022389-\$). did. or (US-6336638-\$ or US-6149158-\$ or US-6168164-\$ or US-5615894-\$ or US-4746128-\$). did. | US-PGPUB; USPAT | OR | ON | 2006/05/03 23:19 |
| S58 | 1 | 10/757919 | US-PGPUB; USPAT | OR | ON | 2006/05/03 23:19 |
| S59 | 2 | ((("5833136") or ("5556112"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/04 12:59 |

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|-----|------|--|---|----|-----|------------------|
| S60 | 36 | (US-20020158421-\$ or US-20050156384-\$ or US-20030098549-\$).did. or (US-3929341-\$ or US-5615894-\$ or US-6620361-\$ or US-4243235-\$ or US-4185838-\$ or US-5209499-\$ or US-5022389-\$ or US-6513810-\$ or US-4588195-\$ or US-5556112-\$ or US-4568092-\$ or US-4723350-\$ or US-5209502-\$ or US-4695063-\$ or US-3572732-\$ or US-6213476-\$ or US-5346662-\$ or US-6079715-\$ or US-4126320-\$ or US-6336638-\$ or US-5492339-\$ or US-5083802-\$ or US-5129744-\$ or US-4637295-\$ or US-6168164-\$ or US-6149158-\$). did. or (US-6991406-\$ or US-5833136-\$ or US-6789805-\$ or US-6729624-\$ or US-4746128-\$ or US-6705617-\$ or US-6715768-\$). | US-PGPUB; USPAT | OR | ON | 2006/05/05 22:37 |
| S61 | 1606 | (277/570,559,562,560).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/05/05 22:37 |
| S62 | 400 | elastomeric with seal with (hinge or hinged or pivot\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/05 22:38 |
| S63 | 39 | elastomeric with hinged with seal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/05 22:39 |